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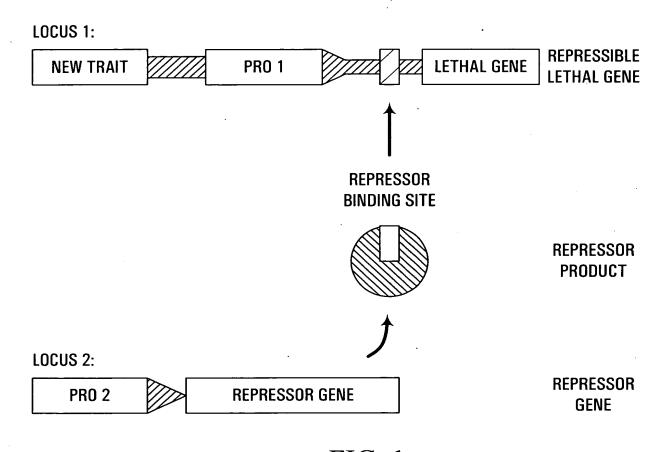


FIG. 1



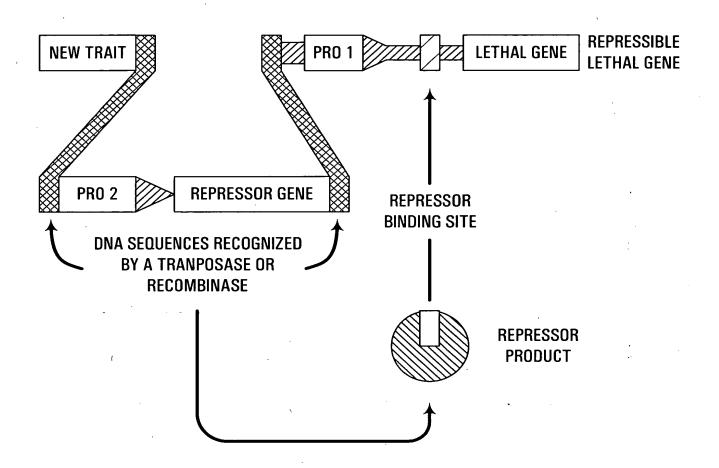


FIG. 2



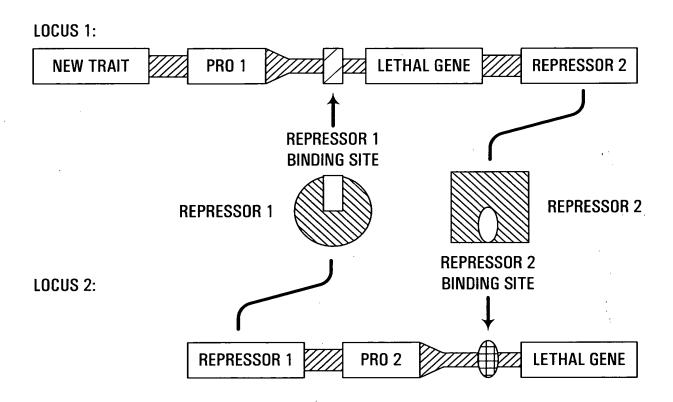


FIG. 3



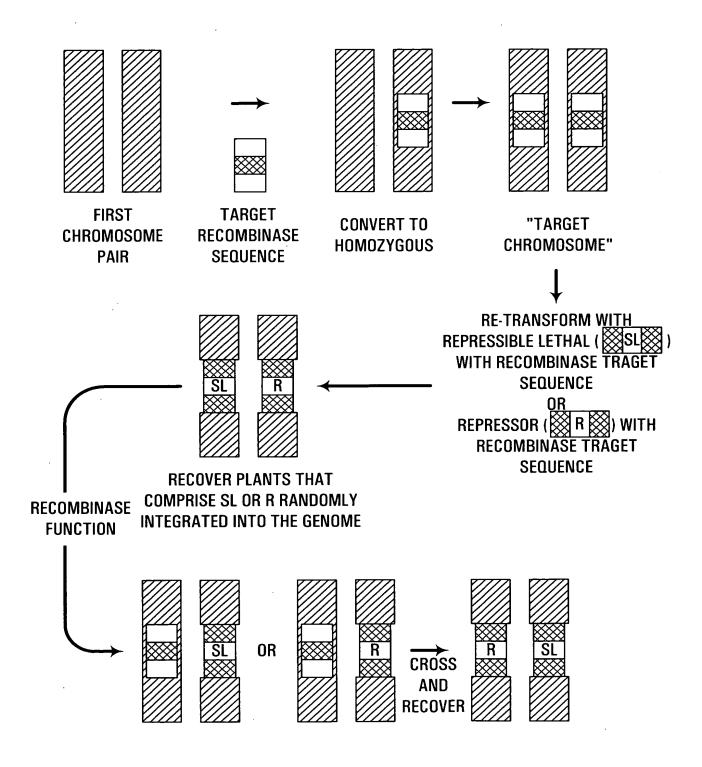


FIG. 4





## ILLUSTRATION OF METHOD IN SELF-POLLINATING CROPS e.g. BRASSICA

TRANSFORM ELITE LINE TO RECOVER ISOGENIC PLANTS WITH RECOMBINANT DNA 1 OR 2

CROSS THE TWO TRANSGENIC LINES: SL,CL/- X R/
RECOVER THE FOLLOWING GENOTYPES: SL,CL/- R/- -/
SELECT SL, CL/R GENOTYPES. THESE PLANTS ARE CONDITIONAL LETHAL AND CAPABLE OF FULL SELF SEED SET

SL, CL/R GENOTYPES ARE HEMIZYGOUS. STABILIZE THE GENOTYPE BY CARRYING OUT MICROSPORE CULTURE AND SELECTING HOMOZYGOUS SL, CL/R GENOTYPES

HOMOZYGOUS SL, CL/R GENOTYPES BREED TRUE BY SELFPOLLINATION. IF R SEGREGATES INDEPENDANTLY OF SL, CL
OUTCROSSING LEADS TO THE EXPRESSION OF THE
REPRESSIBLE SEED LETHAL PHENOTYPE. EXPRESSION OF
THE SEED LETHAL TRAIT (SL) PREVENTS THE DISSEMINATION
OR PERSISTANCE OF ANY TRAIT LINKED TO THE SL GENE



#### ILLUSTRATION OF USING METHOD IN HYBRID CROPS

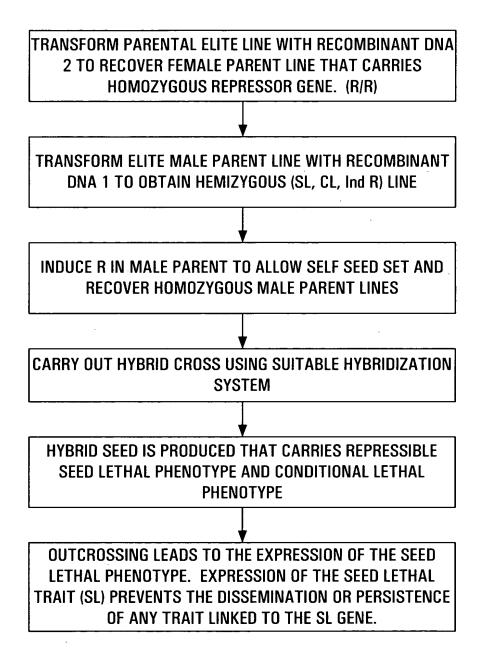


FIG. 6



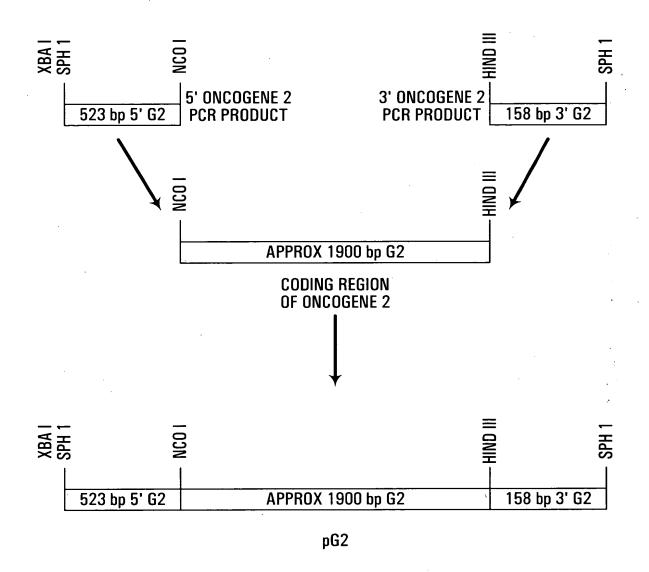


FIG. 7A



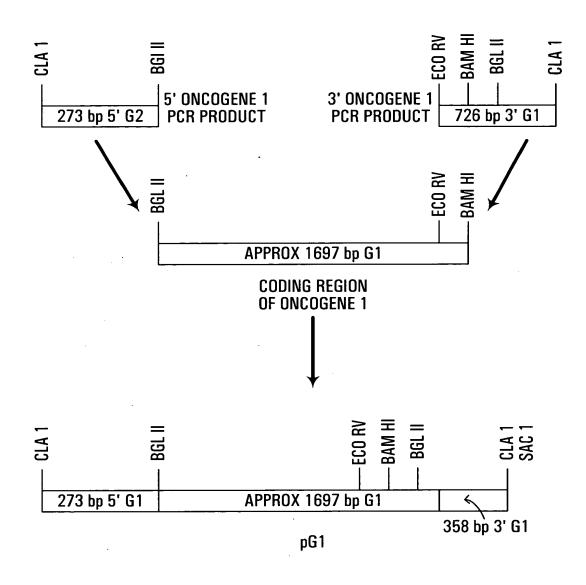
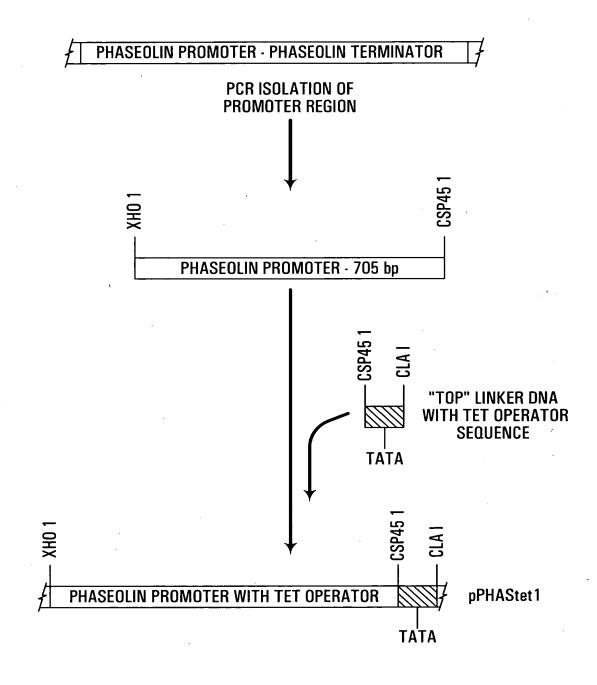


FIG. 7B





FÌG. 8



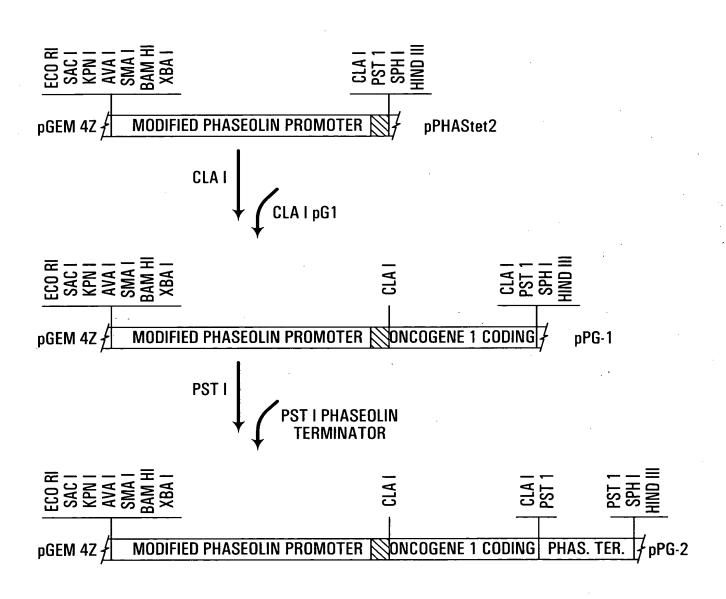
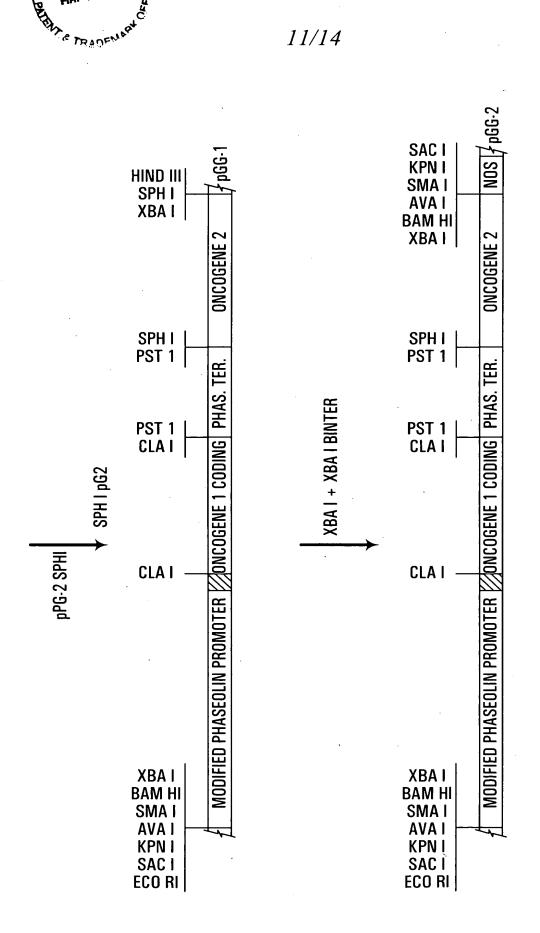


FIG. 9A

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Methods and Genetic Compositions to Limit Outcrossing and Undesired Gene Flow in Crop Plants

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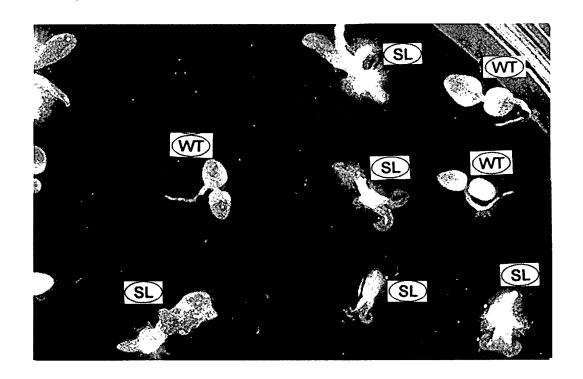


FIG. 10

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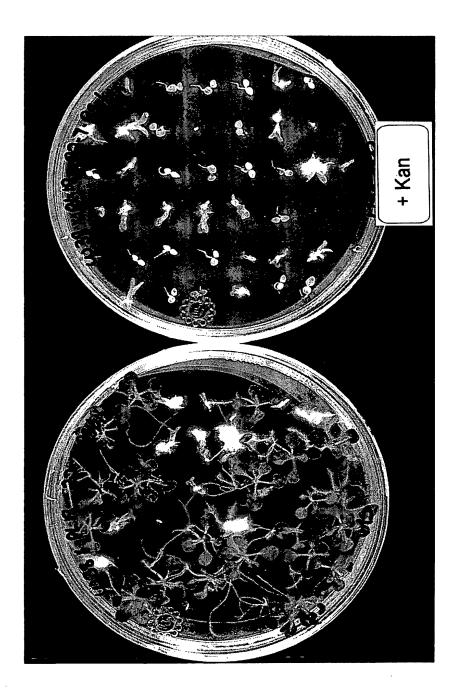


FIG. 11

Methods and Genetic Compositions to Limit Outcrossing and Undesired Gene Flow in Crop Plants

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FIG. 12